

In the Claims:

Please replace claims 17-28 with the following:

SUB
H1

17. (Twice Amended) An immunodulatory and *anti-Helicobacter-specific* vaccine complex comprising:

- (a) ribosomal ribonucleic acid extracted from bacteria selected from the group consisting of: *Helicobacter pylori*, *Helicobacter hepaticus*, *Helicobacter coronari*, or a mixture thereof;
- (b) the amino acids of the type III collagen; and
- (c) bacterial membrane fractions containing glycopeptides and/or lipopolysaccharides.

18. (Twice Amended) The immunodulatory and vaccine complex according to claim 17 wherein the type III collagen comprises amino acids selected from the group consisting of aspartic acid, hydroxyproline, threonine, serine, glutamic acid, proline, glycine, alanine, valine, methionine, isoleucine, leucine, tyrosine, phenylalanine, lysine, histidine, arginine, and mixtures thereof.

19. (Amended) The immunodulatory and vaccine complex according to claim 17 for use in the treatment of diseases caused by *Helicobacter* bacteria, by the production of antibodies and the production of endogenous interferon.

20. (Amended) The immunodulatory and vaccine complex according to claim 18 for use in the treatment of diseases caused by *Helicobacter* bacteria, by the production of antibodies and the production of endogenous interferon.

21. (Amended) The immunodulatory and vaccine complex according to claim 17, for use as an anti-idiotypic vaccine against the idiotypic of anti-*Helicobacter sp.* antibodies which make it possible to avoid recidivations of the initial digestive tract pathology caused by *Helicobacter sp.*

22. (Amended) The immunodulatory and vaccine complex according to claim 18, for use as an anti-idiotypic vaccine against the idiotypic of anti-*Helicobacter sp.*

antibodies which make it possible to avoid recidivations of the initial digestive tract pathology caused by *Helicobacter sp.*

23. (Twice Amended) The immunodulatory and vaccine complex according to claim 17, for use against antibiotic-resistant *Helicobacter* bacteria resistant to conventional treatments.

24. (Twice Amended) The immunodulatory and vaccine complex according to claim 18, for use against antibiotic-resistant *Helicobacter* bacteria resistant to conventional treatments.

25. (Amended) The immunodulatory and vaccine complex according to claim 17 wherein the said complex is formulated in such a way that it enables simultaneous administration of the said complex together with substances selected from the group consisting of corticosteroids, antibiotics, antisecretory agents such as proton pump inhibitors, products with bacteriostatic effect, products with bactericidal effect and products with anti-inflammatory effect.

26. (Amended) The immunodulatory and vaccine complex according to claim 18 wherein the said complex is formulated in such a way that it enables simultaneous administration of the said complex together with substances selected from the group consisting of corticosteroids, antibiotics, antisecretory agents such as proton pump inhibitors, products with bacteriostatic effect, products with bactericidal effect and products with anti-inflammatory effect.

27. (Amended) The [immunomodulatory] immunodulatory and vaccine complex according to claim 25 wherein the said complex is formulated in such a way that it enables administration of the said complex by a route selected from intravenous route, subcutaneous route, transdermal route and per os.

28. (Amended) The [immunomodulatory] immunodulatory and vaccine complex according to claim 26 wherein the said complex is formulated in such a way that

Serial No. 09/125,747

4

TORO 0101 PUS

it enables administration of the said complex by a route selected from intravenous route, subcutaneous route, transdermal route and per os.
